INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

VIA ELECTRONIC MAIL November 26, 2014

Wendell Carter, General Manager
ArcelorMittal Indiana Harbor, LLC
3001 Dickey Road
East Chicago, Indiana 46312

Dear Mr. Carter:

Re: NPDES Permit No. IN0063711
Permit Modification
ArcelorMittal Indiana Harbor, LLC –
Central Wastewater Treatment Plant
East Chicago, Indiana
Lake County

Your request for modification of the above-referenced discharge permit has been processed in accordance with Section 402 and 405 of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, et seq.), and IDEM's permitting authority under IC 13-15.

The enclosed pages are intended to replace the corresponding pages of your existing NPDES Permit No. IN0063711. An accompanying Fact Sheet itemizes and explains the rationale for the revisions. All discharges from the referenced facility shall be consistent with the terms and conditions of this permit, as modified.

Pursuant to IC 4-21.5-3-2(e) and IC 4-21.5-3-5(f), the determination of modification in this letter becomes effective eighteen (18) days after it is served by U.S. mail. Any party adversely affected or aggrieved by this decision may appeal the modification by filing a request for an adjudicatory hearing with the Office of Environmental Adjudication (OEA) eighteen (18) days after the date of mailing of this letter at the following address:

Office of Environmental Adjudication
Indiana Government Center North
100 North Senate Avenue, Room 501
Indianapolis, IN 46204

Please send a copy of any such appeal to me at the IDEM, Office of Water Quality - Mail Code 65-42, 100 North Senate Avenue, Indianapolis, Indiana 46204-2251. Any appeal request must be filed in accordance with IC 4-21.5-3-7, IC 13-15-7, and the enclosed Public Notice. The appeal request must include facts demonstrating that the party requesting appeal is the applicant, a person aggrieved or adversely affected by this modification or otherwise entitled to review by law. Pursuant to IC 13-15-7-3, the permit shall remain in force pending a decision on any appeal that has been timely requested under the provisions of IC 4-21.5 and IC 13-15-7.

If you have questions concerning this modification, please contact Richard Hamblin at 317/232-8696. Questions concerning appeal procedures should be directed to the Office of Environmental Adjudication at 317/232-8591.

Sincerely,

Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

Enclosure
cc: Lake County Health Department
Chief, Permit Section, U.S. EPA Region V
IDEM Northwest Regional Office

STATE OF INDIANA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

AMENDED AUTHORIZATION TO DISCHARGE UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., the "Act"), and IDEM's permitting authority under IC 13-15,

ARCELORMITTAL INDIANA HARBOR LLC – CENTRAL WASTEWATER TREATMENT PLANT

is authorized to discharge from the steel mill that is located at 3001 Dickey Road, East Chicago, Indiana, to receiving waters named Indiana Harbor Ship Canal in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III hereof.

The permit, as issued on October 26, 2011, is hereby amended as contained herein. The amended provisions shall become effective December 1, 2014 All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the amendments will remain in effect until the amended provisions become effective. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

This permit and the authorization to discharge, as amended, shall expire at midnight November 30, 2016. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and forms as are required by the Indiana Department of Environmental Management no later than 180 days prior to the date of expiration.

Signed on November 26, 2014 for the Indiana Department of Environmental Management.

Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee is authorized to discharge from Outfall 001. The discharge is limited to treated wastewater from the Centralized Wastewater Treatment Plant (Internal Outfall 101), non-contact cooling water, site storm water, and groundwater from basement sumps. Samples taken in compliance with the monitoring requirements below shall be taken at a point representative of the discharge but prior to entry into the Indiana Harbor Ship Canal during dry weather periods. Such discharge shall be limited and monitored by the permittee as specified below:

DISCHARGE LIMITATIONS[1][2][3][15][18]

Table 1

	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Monthly	Daily		Monthly	Daily		Measurement	Sample
Parameter	Average	Maximum	Units	Average	Maximum	Units	Frequency	Type
Flow	Report	Report	MGD	-------	-------	-----	Daily	24 Hour Total
O + G	Report	Report	lbs/day	10	15	mg/l	2 X Weekly	2 Grabs/24-Hr.[4]
TSS	Report	Report	lbs/day	Report	Report	mg/l	2 X Weekly	24-Hr. Comp.
TRC[6][10][17]	0.87	2.1[11]	lbs/day	0.016[7]	0.038[9]	mg/l	5 X Weekly[8]	Grab
Mercury[5][6][14]								
Interim	Report	Report	lbs/day	Report	Report	ng/l	6 X Yearly[12]	Grab
Final	0.000071	0.00017	lbs/day	1.3	3.2	ng/l	6 X Yearly[12]	Grab
Free Cyanide[6]	Report	Report	lbs/day	Report	Report	mg/l	2 X Monthly	Grab
Total Cyanide[6]	Report	Report	lbs/day	Report	Report	mg/l	2 X Monthly	Grab
Fluoride	Report	Report	lbs/day	Report	Report	mg/l	2 X Monthly	24-Hr. Comp.
Hexavalent Chromium[18]	Report	Report	lbs/day	Report	Report	mg/l	2 X Monthly	Grab
Temperature[16]								
Intake	-------	--------	------	Report	Report	°F	2 X Weekly	Grab
Outfall	-------	--------	------	Report	Report	°F	2 X Weekly	Grab
Whole Effluent Toxicity Tests[13]								

Table 2

	Quality or Concentration			Monitoring Requirements	
	Daily	Daily		Measurement	Sample
Parameter	Minimum	Maximum	Units	Frequency	Type
pH	6.0	9.0	s.u.	2 X Weekly	Grab

[1] See Part I.B. of the permit for the Narrative Water Quality Standards.

[2] In the event that changes are to be made in the use of water treatment additives, including dosage rates beyond the previously approved estimated maximum dosage rates, or changes that could significantly change the nature of, or increase

the discharge concentration of the additive to Outfall 001, the permittee shall notify the Indiana Department of Environmental Management as required in Part II.C.1 of this permit. The use of any new or changed water treatment additives or dosage rates shall not cause the discharge from any permitted outfall to exhibit chronic or acute toxicity. Acute and chronic aquatic toxicity information must be provided with any notification regarding any new or changed water treatment additives or dosage rates.

[3] The Non-Numeric Effluent Conditions and Storm Water Pollution Prevention Plan (SWPPP) requirements can be found in Parts I.D. and I.E of this permit.

[4] A minimum of two (2) grab samples shall be collected at equally spaced time intervals (at a minimum of 6 hours apart) for the duration of the discharge within a twenty-four (24) hour period. Each sample shall be analyzed individually, and the arithmetic mean of the concentrations reported as the value for the twenty-four (24) hour period.

[5] The permittee shall measure and report the identified metals as <u>total recoverable metals.</u>

[6] The following EPA test methods and/or Standard Methods and associated LODs and LOQs are to be used in the analysis of the effluent samples. Alternative methods may be used if first approved by IDEM.

Parameter	EPA Method	LOD	LOQ
Chlorine	4500-Cl-D,E or 4500-Cl-G	0.02 mg/l	0.06 mg/l
Silver	200.8	0.2 ug/l	0.64 ug/l
Mercury	1631, Revision E	0.2 ng/l	0.5 ng/l
Free Cyanide	4500-CN-G	5 ug/l	16 ug/l
Free Cyanide	1677	0.5 ug/l	1.6 ug/l
Total Cyanide	335.2 or 4500 CN-E	5 ug/l	16 ug/l

Sample preservation procedures and maximum allowable holding times for total cyanide, and available (free) cyanide are prescribed in Table II of 40 CFR Part 136. Note the footnotes specific to cyanide. Preservation and holding time information in Table II, 40 CFR Part 136 takes precedence over information in specific methods or elsewhere. The free cyanide analysis is not required for any sample where the corresponding total cyanide analytical result is not detect at < 0.005 mg/L (< 5 ug/L).

[7] The monthly average water quality based effluent limits (WQBEL) for chlorine are less than the limit of quantitation (LOQ) as specified above. Compliance with the monthly average limit will be demonstrated if the monthly average effluent level is less than or equal to the monthly average WQBEL. Daily effluent values

that are less than the LOQ, used to determine the monthly average effluent levels less than the LOQ, may be assigned a value of zero (0), unless, after considering the number of monitoring results that are greater than the limit of detection (LOD), and applying appropriate statistical techniques, a value other than zero (0) is warranted.

[8] Monitoring for TRC shall be performed, at a minimum, during Zebra or Quagga mussel intake chlorination, and continue for three additional days after Zebra or Quagga mussel treatment has been completed.

[9] The daily maximum WQBEL for chlorine is greater than or equal to the LOD but less than the LOQ as specified below. Compliance with the daily maximum limit will be demonstrated if the observed effluent concentrations are less than the LOQ.

[10] Case-Specific LOD/LOQ
The permittee may determine a case-specific LOD or LOQ using the analytical method specified above, or any other test method which is approved by the Commissioner prior to use. The LOD shall be derived by the procedure specified for method detection limits contained in 40 CFR Part 136, Appendix B, and the LOQ shall be set equal to 3.18 times the LOD. Other methods may be used if first approved by the Commissioner.

[11] Compliance with the daily maximum mass value will be demonstrated if the calculated mass value is less than 3.25 lbs/day.

[12] Mercury monitoring shall be conducted bi-monthly in the months of February, April, June, August, October, and December of each year for the term of the permit using EPA Test Method 1631, Revision E.

[13] The permittee shall initiate a biomonitoring program for Outfall 001 using the procedures contained under Part I.I. of this permit.

[14] The permittee has a 54 month schedule of compliance as outlined in Part I.F in which to meet the final effluent limitations for Mercury.

[15] ArcelorMittal shall install the equipment necessary to accurately measure the discharge flow from Outfall 001 and to facilitate taking samples that are representative of the discharge within one year after the effective date of this permit. During the period of time before the necessary equipment is installed, ArcelorMittal may estimate the 24 Hour total flow volume from Outfall 001.

[16] See Part III of this permit for additional requirements.

[17] See Part I.H for the Pollutant Minimization Program requirements.

[18] Hexavalent Chromium shall be measured and reported as dissolved metal. The Hexavalent Chromium sample type shall be grab method. The maximum holding time for a Hexavalent Chromium sample is 24 hours (40 CFR 136.3 Table IB). Therefore, the grab sample must be analyzed within 24 hours. Samples for this parameter at Outfall 001 must be collected on the same day as samples for this parameter at Internal Outfall 101.

2. The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee is authorized to discharge from Internal Outfall 101. The discharge is limited to treated wastewater from the Centralized Wastewater Treatment Plant. Samples taken in compliance with the monitoring requirements below shall be taken at a point representative of the discharge but prior to comingling with other water streams. Such discharge shall be limited and monitored by the permittee as specified below:

DISCHARGE LIMITATIONS[6]

Table 1

	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Monthly	Daily		Monthly	Daily		Measurement	Sample
Parameter	Average	Maximum	Units	Average	Maximum	Units	Frequency	Type
Flow	Report	Report	MGD	-------	---------	------	----------	24 Hour Total
O + G	542	813	lbs/day	Report	Report	mg/l	2 X Weekly	2 Grabs/24-Hr.[2]
TSS	1,198	2,604	lbs/day	Report	Report	mg/l	2 X Weekly	24-Hr. Comp.
Cadmium[3]	3.8	10	lbs/day	Report	Report	mg/l	[7]	
Zinc[3]	8.8	17	lbs/day	Report	Report	ug/l	2 X Weekly	24-Hr. Comp.
T. Chromium[3]	24.7	40.0	lbs/day	Report	Report	mg/l	2 X Weekly	24-Hr. Comp.
Hex. Chromium[8]	Report	Report	lbs/day	Report	Report	mg/l	2 X Monthly	Grab
Lead[3]	3.8	7.5	lbs/day	Report	Report	ug/l	[7]	
Nickel[3]	34.3	57.4	lbs/day	Report	Report	mg/l	2 X Weekly	24-Hr. Comp.
Copper[3][4]	1.3	2.2	lbs/day	Report	Report	mg/l	2 X Weekly	24-Hr. Comp.
Silver[3][4]	0.018	0.03	lbs/day	Report	Report	mg/l	[7]	
T. Cyanide[3]	9.4	17.3	lbs/day	Report	Report	mg/l	2 X Weekly	Grab
Naphthalene[4]	Report	0.158	lbs/day	Report	Report	mg/l	[7]	
TCE[4]	Report	0.236	lbs/day	Report	Report	mg/l	[7]	
TTO[4][5]	-------	30.7	lbs/day	------	Report	mg/l	1 X Quarterly[1]	[1]

[1] Samples shall be taken once at any time during each of the four annual quarters:

(A) January-February-March;
(B) April-May-June;
(C) July-August-September; and
(D) October-November-December.

For quarterly monitoring, in the first quarter for example, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.

Sample types for TTO shall be grab for volatile pollutants and 24-Hr. Comp. for semi-volatile pollutants.

[2] A minimum of two (2) grab samples shall be collected at equally spaced time intervals (at a minimum of 6 hours apart) for the duration of the discharge within

a twenty-four (24) hour period. Each sample shall be analyzed individually, and the arithmetic mean of the concentrations reported as the value for the twenty-four (24) hour period.

[3] The permittee shall measure and report the identified metals as total recoverable metals.

[4] At the end of a twelve month sampling period, the permittee may request, in writing, a review of these monitoring requirements. Upon review by IDEM, the permit may be modified, after public notice and opportunity for hearing, to reduce or delete the monitoring requirements.

[5] The limitation for TTO (Total Toxic Organics) applies to the summation of all quantifiable values greater than 0.01 mg/l for all toxic organics listed under 40 CFR 433.11(e) which are reasonably expected to be present. This is a federal effluent guideline based limitation and is not an authorization to discharge toxic organic compounds at levels which cause or may cause water quality violations. The discharge of organic compounds at levels which cause or may cause water quality violations is prohibited. The intent of this limitation is to assure that any solvent or other products in use at the plant, which contain any of the listed toxic organic compounds, are disposed of properly, and not dumped, spilled, discharged or leaked.

Certification Statement

In lieu of quarterly monitoring for TTO, the party responsible for signing the monthly discharge monitoring report (DMR) forms may make the following statement, as part of the DMR: "Based on my inquiry of the persons directly responsible for managing compliance with the permit limitations for TTO, I certify that, to the best of my knowledge and belief, no disposal of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the Toxic Organic Pollutant Management Plan submitted to the Compliance Data Section of the Office of Water Quality, as required by this permit." The Certification Statement may not be used until completion of the Toxic Organic Pollutant Management Plan required by Part I.G of this permit.

If the above mentioned responsible party is unable to make the above Certification Statement because of discharge or spills of any TTO compounds, the Permittee is required to notify IDEM in accordance with Part II.C.3 of this permit.

Initial GC-MS Scan for TTO's

The Certification Statement does not eliminate the requirement for a complete initial GC/MS (Gas Chromatograph/Mass Spectrophotometer) scan as part of the permit application or Toxic Organic Pollutant Management Plan. At least two (2) grab samples for volatile pollutants and either an eight (8) hour or twenty-four (24) hour composite sample for acid and base/neutral pollutants shall be obtained.

Wastewater samples shall be prepared and analyzed by GC/MS in accordance with U.S. EPA Analytical Methods 624 and 625 (40 CFR 136), or subsequently approved methods.

In addition to the quantitative analysis for the priority pollutants, a diligent attempt shall be made to identify and quantify any additional substances indicated to be present in the extracts by peaks on the reconstructed gas chromatographs (total ion plots) more than 10 times higher than the peak-to-peak background noise. Identification shall be by reference to the EPA/NIH computerized library of mass spectra, with visual confirmation by an experienced analyst. Quantification may be an order of magnitude estimate based upon comparison with an internal standard.

[6] The permittee shall not discharge spent hexavalent chromium solutions from the Hot Dip Galvanizing Line into the wastewater collection and treatment systems. Such solutions shall be disposed of off-site.

[7] A monitoring waiver per 40 CFR 122.44 has been granted for this parameter for the term of this permit. IDEM shall be notified if any changes occur at this facility that would require the conditions that this waiver was granted to be reviewed.

[8] Hexavalent Chromium shall be measured and reported as dissolved metal. The Hexavalent Chromium sample type shall be grab method. The maximum holding time for a Hexavalent Chromium sample is 24 hours (40 CFR 136.3 Table IB). Therefore, the grab sample must be analyzed within 24 hours. Samples for this parameter at Internal Outfall 101 must be collected on the same day as samples for this parameter at Outfall 001.

B. NARRATIVE WATER QUALITY STANDARDS

At all times the discharge from any and all point sources specified within this permit shall not cause receiving waters:

1. including the mixing zone, to contain substances, materials, floating debris, oil, scum, or other pollutants:

   a. that will settle to form putrescent or otherwise objectionable deposits;

   b. that are in amounts sufficient to be unsightly or deleterious;

   c. that produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;

At least once every 12 months, you must review the selection, design, installation, and implementation of your control measures to determine if modifications are necessary to meet the effluent limitations in this permit. You must document the results of your review in a report that shall be retained within the SWPPP. Failing to conduct the annual review of the selection, design, installation and implementation of your control measures is a violation of this permit.

7. Corrective Actions – Conditions Requiring Review

a. If any of the following conditions occur, you must review and revise the selection, design, installation, and implementation of your control measures to ensure that the condition is eliminated and will not be repeated:

(1) an unauthorized release or discharge (e.g., spill, leak, or discharge of non-storm water not authorized by this NPDES permit) occurs at this facility;

(2) it is determined that your control measures are not stringent enough for the discharge to meet applicable water quality standards;

(3) it is determined in your routine facility inspection, an inspection by EPA or IDEM, comprehensive site evaluation, or the Annual Review required in Part I.D.6 that modifications to the control measures are necessary to meet the effluent limits in this permit or that your control measures are not being properly operated and maintained; or

(4) Upon written notice by the Commissioner that the control measures prove to be ineffective in controlling pollutants in storm water discharges exposed to industrial activity.

b. If any of the following conditions occur, you must review and revise the selection, design, installation, and implementation of your control measures to determine if modifications are necessary to meet the effluent limits in this permit:

(1) construction or a change in design, operation, or maintenance at your facility that significantly changes the nature of pollutants discharged in storm water from your facility, or significantly increases the quantity of pollutants discharge.

(1) Areas contributing to a storm water discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of the permit or whether additional control measures are needed. Structural storm water management measure, sediment and erosion control measures, and other structural pollution prevention measures identified in the plan shall be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the plan, such as spill response equipment, shall be made.

As part of the routine inspections, address all potential sources of pollutants, including (if applicable) air pollution control equipment (e.g., baghouses, electrostatic precipitator, scrubbers, and cyclones), for any signs of degradation (e.g., leaks, corrosion, or improper operation) that could limit their efficiency and lead to excessive emissions. Considering monitoring air flow at inlets and outlets (or use equivalent measures) to check for leaks (e.g., particulate deposition) or blockage in ducts. Also inspect all process and material handling equipment (e.g., conveyors, cranes, and vehicles) for leaks, drips, or the potential loss of material; and material storage areas (e.g., piles, bins, or hoppers for storing coke, coal, scrap, or slag, as well as chemicals stored in tanks and drums) for signs of material loss due to wind or storm water runoff.

Monitoring, maintenances, inspections and reporting of items listed above that are required by other facility permits (e.g., Title V air permit) may be referenced for purposes of completing the annual Comprehensive Site Compliance Evaluation required by paragraph c.

(2) Based on the results of the evaluation, the description of potential pollutant sources identified in the plan in accordance with Part I.E.2.b of this permit and pollution prevention measures and controls identified in the plan in accordance with Part I.D.5. of this permit shall be revised as appropriate within the timeframes contained in Part I.D.9 of this permit.

(3) A report summarizing the scope of the evaluation, personnel making the evaluation, the date(s) of the evaluation, major observations relating to the implementation of the storm water pollution prevention plan, and actions taken in accordance with the above paragraph must be documented and either contained in, or have on-site record keeping location referenced in, the

b. The construction of treatment technology identified in the FPC for the reduction of Mercury in the effluent from Outfall 001.
c. the achievement of milestones identified in the FPC.
d. the anticipated date when the discharge from Outfall 001 can achieve compliance with the final effluent limits for Mercury.

6. Within thirty (30) days of completion of any additional pollutant control equipment, the permittee shall file with the Industrial NPDES Permits Section of OWQ a notice of installation for the additional pollutant control equipment and a design summary of any modifications.

7. The permittee shall comply with the final effluent limitations for Mercury at Outfall 001 no later than Fifty-Four (54) months from the effective date of this permit.

8. If the permittee fails to comply with any deadline contained in the foregoing schedule, the permittee shall, within fourteen (14) days following the missed deadline, submit a written notice of noncompliance to the OWQ stating the cause of noncompliance, and remedial action taken or planned, and the probability of meeting the date fixed for compliance with final effluent limitations.

G. TOXIC ORGANIC POLLUTANT MANAGEMENT PLAN

In order to use the Certification Statement for Total Toxic Organics in Part I.A.2 of this permit, the Permittee is required to submit a management plan for toxic organic pollutants. The Toxic Organic Pollutant Management Plan is to be submitted to the Compliance Data Section of the Office of Water Quality within ninety (90) days of the effective date of this permit, and is to include a listing of toxic organic compounds used, the method of disposal, and procedure for ensuring that these compounds do not routinely spill or leak into the process wastewater, noncontact cooling water, groundwater, storm water, or other surface waters.

H. POLLUTANT MINIMIZATION PROGRAM

This permit contains water quality-based effluent limits (WQBEL) for total residual chlorine that are less than the LOQ. The permittee is required to develop and conduct a pollutant minimization program (PMP).

a. The goal of the pollutant minimization program shall be to maintain the effluent at or below the WQBEL. The pollutant minimization program shall include, but is not limited to, the following:

(1) Submit a control strategy designed to proceed toward the goal within 180 days of the effective date of this permit.

(2) Implementation of appropriate cost-effective control measures, consistent with the control strategy within 365 days of the effective date of this permit.

(3) Monitor as necessary to record the progress toward the goal.

(4) Submit an annual status to the Commissioner at the address listed in Part I.C.3.g. to the attention of the Office of Water Quality, Compliance Data Section, by January 31 of each year that includes the following information:

(i) All minimization program monitoring results for the previous year.
(ii) A list of potential sources of the pollutant.
(iii) A summary of all actions taken to reduce or eliminate the identified sources of the pollutant.
(iv) Monitoring results, lists of potential sources and action summaries listed above that are required by this permit, or other facility permits may be referenced for purposes of completing the annual status report required by permit Part I.H.(a)(4).

(5) A pollutant minimization program may include the submittal of pollution prevention strategies that use changes in production process technology, materials, processes, operations, or procedures to reduce or eliminate the source of the pollutant.

b. No pollutant minimization program is required if the permittee demonstrates that the discharge of a pollutant with a WQBEL below the LOQ is reasonably expected to be in compliance with the WQBEL at the point of discharge into the receiving water. This demonstration may include, but is not limited to, the following:

(1) Treatment information, including information derived from modeling the destruction of removal of the pollutant in the treatment process.

(2) Mass balance information.

(3) Fish tissue studies or other biological studies.

c. In determining appropriate cost-effective control measures to be implemented in a pollutant minimization program, the following factors may be considered:

PART III
Other Requirements

A. Thermal Effluent Requirements

Temperature shall be monitored as follows at Outfall 001:

DISCHARGE LIMITATIONS

	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
Parameter	Monthly Average	Daily Maximum	Units	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Temperature								
Intake [2]	----	----	----	Report	Report	°F	2 X Week	Grab
Outfall[1]	----	----	----	Report	Report	°F	2 X Week	Grab

[1] Temperature at Outfall 001 shall be sampled between the hours of 12 pm and 4 pm. As an alternative to direct grab measurements during this time period the facility may install a more permanent temperature measuring device that will retain the highest temperature value during any given 24 hour period.

[2] On days when temperature is sampled at the outfall, temperature shall also be sampled at the intake supplying the most significant source of water to the outfall.

B. Intake Structures

This facility obtains its intake water from the ArcelorMittal West Facility that is permitted as IN0000205 and whose CWIS is in compliance with the CWA Section 316(b) as noted in its permit. This permit will also be in compliance with Section 316(b) as long as the CWIS regulated under Permit IN0000205 is in compliance. The holder of this permit shall notify IDEM if the ArcelorMittal West Facility that supplies the water to this facility no longer holds an NPDES permit that regulates the CWISs.

C. Biocides Concentration

The permittee must receive written permission from the IDEM if they desire to use any biocide or molluscicide other than chlorine. ArcelorMittal currently uses Sodium Hypochlorite (bleach/chlorine) for the control of zebra mussels. ArcelorMittal removes chlorine prior to discharge by using Sodium Bisulfate. Total Residual Chlorine (TRC) is limited at each of the affected final outfalls during periods of chlorination. The use of any biocide containing tributyl tin oxide in any closed or open cooling system is prohibited.

D. Intake Screen Wash

The 316(b) requirements for this facility are covered under NPDES Permit No. IN0000205.

E. Polychlorinated Biphenyls

There shall be no discharge of polychlorinated biphenyl (PCB) compounds attributable to facility operations such as those historically used in transformer fluids. In order to determine compliance with the PCB discharge prohibition, the permittee shall provide the following PCB data with the next renewal NPDES permit application from at least one sample for all final outfalls. The corresponding facility water intake shall be monitored at the same time as the final outfalls.

Pollutant	Test Method	LOD	LOQ
PCBs*	EPA 608	0.1 ug/L	0.3 ug/L

* PCB, 1242, 1254, 1221, 1232, 1248, 1260, 1016

National Pollutant Discharge Elimination System
FACT SHEET
for
ArcelorMittal Indiana Harbor, LLC – Central Wastewater Treatment Plant
December 2014

Indiana Department of Environmental Management

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Permittee:	ArcelorMittal Indiana Harbor, LLC - Central Wastewater Treatment Plant 3001 Dickey Road East Chicago, Indiana 46312
Existing Permit Information:	IN0063711
Source Contact:	Wendell Carter, Vice President & General Manager (219)399-5740
Source Location:	Indiana Harbor West 3001 Dickey Road East Chicago, Indiana Lake County
Receiving Stream:	Indiana Harbor Ship Canal
Proposed Action:	MOD Permit: IN0063711
Source Category	NPDES Major – Industrial
Permit Writer:	Richard Hamblin (317)232-8696 or rhamblin@idem.in.gov

Table of Contents

1.0 Introduction **3**
2.0 Facility description **3**
3.0 Modifications **3**
4.0 Permit limitations **7**
4.1 Existing Permit Limits 7
4.2 Antibacksliding 8
5.0 Permit Draft Discussion **8**
5.1 Discharge Limitations 8
5.2 Monitoring Conditions 9
5.3 Antidegradation 10
6.0 Public notice **10**

1.0 INTRODUCTION

The Indiana Department of Environmental Management (IDEM) received a National Pollutant Discharge Elimination System (NPDES) Permit application from ArcelorMittal on March 29, 1991, for the discharge from the Central Wastewater Treatment Plant. The discharge covered by this NPDES permit was previously covered under an existing permit (IN0000205) that was issued on September 30, 1986, and was subsequently modified on June 21, 1990, and September 26, 1991. During the renewal process, the permittee requested to split permit number IN0000205 into two (2) NPDES permits. An NPDES permit was issued effective December 1, 2011. The permittee, however, filed an appeal regarding certain issues of that permit. This permit modification is being proposed to resolve the appeal. The proposed permit modifications are itemized in section 3.0 below.

The Federal Water Pollution Control Act of 1972 and subsequent amendments require a NPDES permit for the discharge of wastewater to surface waters. Furthermore, Indiana Statute 13-15-1-2 requires a permit to control or limit the discharge of any contaminants into state waters or into a publicly owned treatment works. This proposed permit action by IDEM complies with both federal and state requirements.

In accordance with Title 40 of the Code of Federal Regulations (CFR) Sections 124.8 and 124.6, as well is Indiana Administrative Code (IAC) 327 Section 5, development of a Fact Sheet is required for NPDES permits. This document fulfills the requirements established in those regulations.

This Fact Sheet was prepared in order to document the factors considered in the development of NPDES Permit effluent limitations. The technical basis for the Fact Sheet may consist of evaluations of promulgated effluent guidelines, existing effluent quality, receiving water conditions, and wasteload allocations to meet Indiana Water Quality Standards. Decisions to award variances to Water Quality Standards or promulgated effluent guidelines are justified in the Fact Sheet where necessary.

2.0 FACILITY DESCRIPTION

ArcelorMittal – Indiana Harbor West is classified under Standard Industrial Classification (SIC) Code 3312 – Steel Mill. The permittee is a large integrated steel mill. Intermediate and final products include sinter, iron, raw steel, cast steel, hot strip, cold rolled strip, hot dip galvanized strip, and chromium and tin plated strip.

The discharges associated with this NPDES permit were previously covered under IN0000205. The facility, however, requested that the discharge from Outfall 001 and Internal Outfall 101 be separated from IN0000205 and incorporated into this NPDES permit. These outfalls contain wastewater from some U.S. Steel operations as well as AM West operations. However, an NPDES permit was issued effective December 1, 2011, for the discharge of such wastewaters to AM West as they are the owner and operator of the Central Treatment Plant (CTP).

3.0 MODIFICATIONS

The following is a list of changes from the December 1, 2011, permit in order to resolve the appeal.

- The expiration date, given on Page 1 of 59, has been changed from November 30, 2011, to November 30, 2016. Since this is a permit modification, the expiration date will remain November 30, 2016.

- Copper, Lead, Silver, Zinc, and Thermal Discharge have been removed from Outfall 001 Discharge Limitations found in Part I.A.1. of the permit.

  Water Quality-Based Effluent Limitations (WQBELs) at Outfall 001 were given as mass limits for Copper, Lead, Silver, and Zinc. During settlement negotiations, the facility requested that copper, lead, silver, and zinc be removed because they believed that there was no Reasonable Potential to Exceed (RPE) Indiana Water Quality Standards for the parameters. IDEM would not remove the parameters entirely because the WQBELs were more stringent than federally promulgated Effluent Limitation Guidelines (ELGs) at Internal Outfall 101. In an attempt to reduce duplicative monitoring, the facility requested to move the more stringent mass based WQBELs to the Internal Outfall. IDEM considers meeting those limits internally as being protective to Indiana's Water Quality Standards.

  An updated RPE table for copper, lead, silver, and zinc is provided below:

PARAMETER	MONTHLY AVERAGE					DAILY MAXIMUM					PEL @		PEQ > PEL	
	Max Effluent Value	Count	CV	MF	PEQ	Max Effluent Value	Count	CV	MF	PEQ	Monthly Avg.	Daily Max	Monthly Avg.	Daily Max
Copper (ug/l) *	3.5	23	0.7	1.4	**4.9**	11	227	1.0	0.8	**8.8**	**30**	**52**	No	No
Lead (ug/l) **	1.0	23	0.2	1.1	**1.1**	3.5	226	0.5	0.9	**3.2**	**92**	**180**	No	No
Silver (ug/l) #	0.2	14	0.2	1.2	**0.24**	0.2	140	0.2	1.0	**0.2**	**0.42**	**0.73**	No	No
Zinc (ug/l) **	14.3	23	0.2	1.1	**16**	52	226	0.6	0.9	**47**	**210**	**410**	No	No

* Effluent data were obtained from the July 1999 and April 2000 TMDL studies, the June 2009 Form 2C, and Monthly Monitoring Reports (MMRs) for the period December 2011 through October 2013.
** Effluent data were obtained from the July 1999 TMDL study, the June 2009 Form 2C, and MMRs for the period December 2011 through October 2013.
# Effluent data were obtained from MMRs for the period September 2012 through October 2013 and were all reported as nondetect. Data from the June 2009 Form 2C and MMRs

The thermal discharge report requirements have been removed from Part I.A.1. and Part III.A. of the permit. During settlement negotiations, it was determined that this information was not necessary to IDEM. The permittee is, however, still required to report intake and outfall temperatures twice a week.

- Additional language has been added to Part I.A.1. footnote [2]. Footnote [2] now reads:

"In the event that changes are to be made in the use of water treatment additives, *including dosage rates beyond the previously approved estimated maximum dosage rates, or changes* that could significantly change the nature of, or increase the discharge concentration of the additive to Outfall 001, the permittee shall notify the Indiana Department of Environmental Management as required in Part II.C.1 of this permit...."[*additional language*]

The additional language was proposed by the facility. IDEM does not foresee any circumstance in which the above additional language is less stringent than the previous wording.

- Total Cyanide has been added to Outfall 001 for reporting purposes. Based on a review of the data for total cyanide at Internal Outfall 101, and free cyanide values at Outfall 001, IDEM is requiring sampling for total cyanide at Outfall 001. However, footnote [6] has been modified with the addition of the following wording:

  "... Sample preservation procedures and maximum allowable holding times for total cyanide, and available (free) cyanide are prescribed in Table II of 40 CFR Part 136. Note the footnotes specific to cyanide. Preservation and holding time information in Table II, 40 CFR Part 136 takes precedence over information in specific methods or elsewhere. *The free cyanide analysis is not required for any sample where the corresponding total cyanide analytical result is not detect at < 0.005 mg/L (< 5 ug/L).*" [*additional language*]

- Mass WQBELs for Copper, Lead, Silver, and Zinc have been added to Part I.A.2. of the permit, as mentioned above. These were derived by multiplying the WQBEL concentration value at Outfall 001 by the production wastestream flow at Internal Outfall 101 of 5 MGD.

- Hexavalent Chromium has been added for reporting purposes at Outfall 001. Additionally, the monitoring frequency at Internal Outfall 101 has been increased from 2 X Yearly to 2 X Monthly. This is to monitor Hexavalent Chromium detections that have been found since the issuance of the December 2011 permit.

- Monitoring waivers for Lead, Silver, Naphthalene, and TCE have been allowed in Part I.A.2. of the permit. The facility requested a monitoring waiver of these parameters for the justification that previously granted one for Cadmium in the December 2011 permit. A review of the data to date showed all of the identified parameters as being non-detect. Therefore, IDEM granted a monitoring waiver for these parameters and footnoted them with footnote [7], which states:

  "A monitoring waiver per 40 CFR 122.44 has been granted for this parameter for the term of this permit. IDEM shall be notified if any changes occur at this facility that would require the conditions that this waiver was granted to be reviewed."

- The sample type for TTO given in Part I.A.2. of the permit has been changed from "24-Hr. Comp." to footnote "[1]". The following additional language has been added to footnote [1]:

  > Sample types for TTO shall be grab for volatile pollutants and 24-Hr. Comp. for semi-volatile pollutants.

  The permittee requested the change because they correctly ascertained that volatile TTO pollutants would likely volatilize to some degree before a 24-hour composite sample could be collected and analyzed. IDEM concurred and made the requested change.

- Additional language has been added to Part I.D.6. of the permit. The sentence "You must also submit the report to the Industrial NPDES Permit Section on an annual basis." has been removed. In its place, the sentence "Failing to conduct the annual review of the selection, design, installation and implementation of your control measures is a violation of this permit." has been added. The facility requested the change because they believed the requirement to submit the review separately and annually put undue hardship on the facility. The review is already required to be documented in the Storm Water Pollution Prevention Plan (SWPPP). The SWPPP shall be retained at the facility and be available for review upon request.

- Additional language has been added to Part I.D.10.c.(1). The following language has been added:

  > "Monitoring, maintenenaces, inspections and reporting of items listed above that are required by other facility permit (e.g., Title V air permit) may be referenced for purposes of completing the annual Comprehensive Site Compliance Evaluation required by paragraph c."

  The facility requested the additional language to limit duplicative compliance requirements from various permits and regulations. IDEM believes that the additional language is in line with the intention of language provided in Part I.E.2.d.(4). Therefore, IDEM has incorporated the requested language.

- Additional language has been added to Part I.H.a.(iv). IDEM has agreed to add the following language:

  > Monitoring results, lists of potential sources and action summaries listed above that are required by this permit, or other facility permits may be referenced for purposes of completing the annual status report required by permit Part I.H.(a)(4).

- Additional language has been added to Part III.E. Part III.E now reads:

  "There shall be no discharge of polychlorinated biphenyl (PCB) compounds *attributable to facility operations* such as those ~~*commonly*~~*historically* used ~~*for*~~*in* transformer *fluids. In order to determine compliance with the PCB discharge prohibition, the permittee shall provide the following PCB data with the next renewal NPDES permit application from at least one sample for all final outfalls. The corresponding facility water intake shall be monitored at the same time as the final outfalls.*

Pollutant	*Test Method*	*LOD*	*LOQ*
*PCBs**	*EPA 608*	*0.1 ug/L*	*0.3 ug/L*

** PCB, 1242, 1254, 1221, 1232, 1248, 1260, 1016"* [*additional language*]

This language was developed during settlement discussions. IDEM believes it provides needed compliance determining factors to the PCB prohibition.

4.0 PERMIT LIMITATIONS

4.1 Existing Permit Limits

Outfall 001

Parameter	Monthly Average	Daily Maximum	Units
Flow	Report	Report	MGD
Oil and Grease	Report (10)	Report (15)	lbs/day (mg/l)
Total Suspended Solids	Report	Report	lbs/day (mg/l)
Total Residual Chlorine	0.87 (0.016)	2.1 (0.038)	lbs/day (mg/l)
Zinc	11 (210)	22 (410)	lbs/day (ug/l)
Lead	5.0 (92)	9.8 (180)	lbs/day (ug/l)
Copper	1.6 (0.03)	2.8 (0.052)	lbs/day (mg/l)
Silver	0.023 (0.00042)	0.04 (0.00073)	lbs/day (mg/l)
Mercury Interim Final	 Report 0.000071 (1.3)	 Report 0.00017 (3.2)	 lbs/day (ng/l) lbs/day (ng/l)
Free Cyanide	Report	Report	lbs/day (mg/l)
Fluoride	Report	Report	lbs/day (mg/l)
Temperature	Report	Report	°F
Thermal Discharge	Report	Report	MBTU/Hr.
Whole Effluent Toxicity Tests			

Parameter	Daily Minimum	Daily Maximum	Units
pH	6.0	9.0	Std Units

Internal Outfall 101

Parameter	Monthly Average	Daily Maximum	Units
Flow	Report	Report	MGD
Oil and Grease	542	813	lbs/day
Total Suspended Solids	1,198	2,604	lbs/day
Cadmium	3.8	10	lbs/day
Zinc	Report	Report	lbs/day
Total Chromium	24.7	40.0	lbs/day
Hexavalent Chromium	Report	Report	lbs/day

Lead	Report	Report	lbs/day
Nickel	34.3	57.4	lbs/day
Copper	Report	Report	lbs/day
Silver	Report	Report	lbs/day
Total Cyanide	9.4	17.3	lbs/day
Naphthalene	Report	0.158	lbs/day
Tetrachloroethylene	Report	0.236	lbs/day
Total Toxic Organics	N/A	30.7	lbs/day

4.2 Antibacksliding

Pursuant to 327 IAC 5-2-10(11) a permit may not be renewed, reissued or modified which contain effluent limitations that are less stringent than the comparable effluent limitation in the previous permit. Antibacksliding is not an issue in this NPDES permit.

5.0 PERMIT DRAFT DISCUSSION

5.1 Discharge Limitations

The tables below contain the modified effluent limitations.

Outfall 001

Parameter	Monthly Average	Daily Maximum	Units
Flow	Report	Report	MGD
Oil and Grease	Report (10)	Report (15)	lbs/day (mg/l)
Total Suspended Solids	Report	Report	lbs/day (mg/l)
Total Residual Chlorine	0.87 (0.016)	2.1 (0.038)	lbs/day (mg/l)
Mercury			
Interim	Report	Report	lbs/day (ng/l)
Final	0.000071 (1.3)	0.00017 (3.2)	lbs/day (ng/l)
Free Cyanide	Report	Report	lbs/day (mg/l)
Total Cyanide	Report	Report	lbs/day (mg/l)
Fluoride	Report	Report	lbs/day (mg/l)
Hexavalent Chromium	Report	Report	lbs/day (mg/l)
Temperature	Report	Report	°F
Whole Effluent Toxicity Tests			

Parameter	Daily Minimum	Daily Maximum	Units
pH	6.0	9.0	Std Units

Internal Outfall 101

Parameter	Monthly Average	Daily Maximum	Units
Flow	Report	Report	MGD
Oil and Grease	542	813	lbs/day
Total Suspended Solids	1,198	2,604	lbs/day
Cadmium	3.8	10	lbs/day

Zinc	8.8	17	lbs/day
Total Chromium	24.7	40.0	lbs/day
Hexavalent Chromium	Report	Report	lbs/day
Lead	3.8	7.5	lbs/day
Nickel	34.3	57.4	lbs/day
Copper	1.3	2.2	lbs/day
Silver	0.018	0.03	lbs/day
Total Cyanide	9.4	17.3	lbs/day
Naphthalene	Report	0.158	lbs/day
Tetrachloroethylene	Report	0.236	lbs/day
Total Toxic Organics	N/A	30.7	lbs/day

5.2 Monitoring Conditions

Outfall 001

Parameter	Minimum Frequency	Type of Sample
Flow	Daily	Continuous
Oil and Grease	2/Week	3 Grabs/24 hrs
Total Suspended Solids	2/Week	24-hour composite
Total Residual Chlorine	5/Week	Grab
Mercury	6/Year	Grab
Free Cyanide	2/Month	Grab
Total Cyanide	2/Month	Grab
Fluoride	2/Month	24-hour composite
Hexavalent Chromium	2/Month	Grab
Temperature	2/Week	Grab
Whole Effluent Toxicity Tests	See Part I.I of Permit	Report
pH	2/Week	Grab

Internal Outfall 101

Parameter	Minimum Frequency	Type of Sample
Flow	Daily	Continuous
Oil and Grease	2/Week	3 Grabs/24 hrs
Total Suspended Solids	2/Week	24-hour composite
Cadmium	[1]	----------
Zinc	2/Week	24-hour composite
Total Chromium	2/Week	24-hour composite
Hexavalent Chromium	2/Month	Grab
Lead	[1]	24-hour composite
Nickel	2/Week	24-hour composite
Copper	2/Week	24-hour composite
Silver	[1]	24-hour composite
Total Cyanide	2/Week	Grab
Naphthalene	[1]	24-hour composite
Tetrachloroethylene	[1]	Grab
Total Toxic Organics	1/Quarter	24-hour composite

[1] A monitoring waiver per 40 CFR 122.44 has been granted for this parameter for the term of this permit. IDEM shall be notified if any changes occur at this facility that would require the conditions that this waiver was granted to be reviewed.

5.3 Antidegradation

327 IAC 2-1.3 outlines the state's Antidegradation Standards and Implementation Procedures. The Tier 1 antidegradation standard found in 327 IAC 2-1.3-3(a) applies to all surface waters of the state regardless of their existing water quality. Based on this standard, for all surface waters of the state, existing uses and the level of water quality necessary to protect existing uses shall be maintained and protected. IDEM implements the Tier 1 antidegradation standard by requiring NPDES permits to contain effluent limits and best management practices for regulated pollutants that ensure the narrative and numeric water quality criteria applicable to the designated use are achieved in the water and any designated use of the downstream water is maintained and protected.

The Tier 2 antidegradation standard found in 327 IAC 2-1.3-3(b) applies to surface waters of the state where the existing quality for a parameter is better than the water quality criterion for that parameter established in 327 IAC 2-1.5. These surface waters are considered high quality for the parameter and this high quality shall be maintained and protected unless the commissioner finds that allowing a significant lowering of water quality is necessary and accommodates important social or economic development in the area in which the waters are located. IDEM implements the Tier 2 antidegradation standard for regulated pollutants with numeric water quality criteria quality adopted in or developed pursuant to 327 IAC 2-1.5 and utilizes the antidegradation implementation procedures in 327 IAC 2-1.3-5 and 2-1.3-6.

According to 327 IAC 2-1.3-1(b), the antidegradation implementation procedures in 327 IAC 2-1.3-5 and 2-1.3-6 apply to a proposed new or increased loading of a regulated pollutant to surface waters of the state from a deliberate activity subject to the Clean Water Act, including a change in process or operation that will result in a significant lowering of water quality.

In accordance with 327 IAC 2-1.3-1(b), any applicable new or increased permit limitation[s] are not subject to the Antidegradation Implementation Procedures in 327 IAC 2-1.3-5 and 2-1.3-6 as the new or increased permit limitation[s] are not the result of a deliberate activity taken by the permittee.

The permittee is prohibited from undertaking any deliberate action that would result in a new or increased discharge of a bioaccumulative chemical of concern (BCC) or a new or increased permit limit for a pollutant or pollutant parameter that is not a BCC unless information is submitted to the commissioner demonstrating that the proposed new or increased discharge will not cause a significant lowering of water quality, or an antidegradation demonstration submitted and approved in accordance 327 IAC 2-1.3.

6.0 PUBLIC NOTICE

Pursuant to IC 13-15-5-1, IDEM will publish a general notice in the newspaper with the largest general circulation within the above county. A 30-day comment period is available in order to solicit input from interested parties, including the general public. Comments concerning the draft permit should be submitted in accordance with the procedure outlined in the enclosed public notice form.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

AUG 2 9 2014

WN-16J

Mr. Paul Higginbotham
Chief, Permits Branch
Office of Water Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204

Re: U.S. Environmental Protection Agency Review of NPDES Permit Modification, ArcelorMittal Steel USA Inc. Indiana Harbor Central Wastewater Treatment Plant, East Chicago, IN, Permit No. IN0063711

Dear Mr. Higginbotham:

The U.S. Environmental Protection Agency (EPA) has reviewed the pre-public notice draft National Pollutant Discharge Elimination System Permit (Permit) modification, fact sheet, and supporting documents for the ArcelorMittal Steel USA Inc. Indiana Harbor Central Wastewater Treatment Plant submitted to EPA on June 12, 2013, subsequent revisions in response to EPA's comments submitted on March 25, 2014, and subsequent supporting documents in response to EPA's comments submitted on July 22, and August 5, 2014. Based on our review to date, EPA would not object to issuance of the permit. However, our position could change if the following occurs.

a. Prior to the actual date of issuance of a Proposed Permit, an effluent guideline or standard is promulgated which is applicable to the permit and which would require revision or modification of a limitation or condition set forth in the Draft Permit;

b. A variance is granted and the Permit is modified to incorporate the results of that variance;

c. There are additional revisions to be incorporated into the Permit which have not been agreed to by EPA; or

d. EPA learns of new information, including as the result of public comment, that causes EPA to reconsider its position.

Subject to the above conditions, the permit may be issued in accordance with the Memorandum of Agreement and pursuant to the Clean Water Act.

When the draft Permit is public noticed, please forward one copy of the public notice to this office at the above address, attention David Soong, NPDES Programs Branch. Please also forward the permit that Indiana Department of Environmental Management (IDEM) ultimately decides to issue with an indication as to whether that permit differs in any way from the March 25, 2014, draft Permit IDEM submitted to EPA, along with any significant comments received during the public comment period, to the same address. If you have any technical questions related to EPA's review, please contact David Soong of my staff. David Soong can be reached by telephone at (312) 886-0136 or by Email at soong.david@epa.gov.

Thank you for your cooperation during the review process.

Sincerely,

Kevin M. Pierard, Chief
NPDES Programs Branch

cc: Stan Rigney, IDEM
Richard Hamblin, IDEM

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO: 2014 – 11E – F
DATE OF NOTICE: NOVEMBER 26, 2014

The Office of Water Quality issues the following NPDES FINAL PERMIT.

MAJOR – MODIFICATION

ARCELORMITTAL INDIANA HARBOR LLC/CENTRAL WWTP, Permit No. IN0063711, LAKE COUNTY, 3001 Dickey Rd, East Chicago, IN. This industrial permit modification resolves the Appeal issues. Permit Manager: Richard Hamblin, 317/232-8696, Rhamblin@idem.in.gov.

APPEAL PROCEDURES FOR FINAL PERMITS

The Final Permits are available for review & copies at IDEM, Indiana Government Center, North Bldg, 100 N Senate Ave, Indianapolis, IN, Rm 1203, Office of Water Quality/NPDES Permit Section, from 9 – 4, M - F (copies 10¢ per page). Each Final Permit is available at the respective, local County Health Department. **Please tell others you think would be interested in this matter.** See these sites for your rights & responsibilities: Public Participation: http://www.in.gov/idem/5474.htm; Citizen Guide: http://www.in.gov/idem/5903.htm.

Appeal Procedure: Any person affected by the issuance of the Final Permit may appeal by filing a Petition for Administrative Review with the Office of Environmental Adjudication **within** eighteen (18) days of the date of this Public Notice. Any appeal request must be filed in accordance with IC 4-21.5-3-7 and must include facts demonstrating that the party requesting appeal is the applicant; a person aggrieved or adversely affected or is otherwise entitled to review by law.
Timely filing: The Petition for Administrative Review must be received by the Office of Environmental Adjudication (OEA) **within** 18 days of the date of this Public Notice; either by U.S. Mail postmark or by private carrier with dated receipt. This Petition for Administrative Review represents a request for an Adjudicatory Hearing, therefore must:

- state the name and address of the person making the request;
- identify the interest of the person making the request;
- identify any persons represented by the person making the request;
- state specifically the reasons for the request;
- state specifically the issues proposed for consideration at the hearing;
- identify the Final Permit Rule terms and conditions which, in the judgment of the person making the request, would be appropriate to satisfy the requirements of the law governing this NPDES Permit rule.

If the person filing the Petition for Administrative Review desires any part of the NPDES Final Permit Rule to be stayed pending the outcome of the appeal, a Petition for Stay must be included in the appeal request, identifying those parts to be stayed. Both Petitions shall be mailed or delivered to the address here: **Phone: 317/232-8591.**

Environmental Law Judge
Office of Environmental Adjudication
IGC – North Building- Rm 501
100 N. Senate Avenue
Indianapolis IN 46204

Stay Time frame: If the Petition (s) is filed **within** eighteen (18) days of the mailing of this Public Notice, the effective date of any part of the permit, within the scope of the Petition for Stay is suspended for fifteen (15) days. The Permit will become effective again upon expiration of the fifteen (15) days, unless or until an Environmental Law Judge stays the permit action in whole or in part.

Hearing Notification: Pursuant to Indiana Code, when a written request is submitted, the OEA will provide the petitioner or any person wanting notification, with the Notice of pre-hearing conferences, preliminary hearings, hearing stays or orders disposing of the Petition for Administrative Review. Petition for Administrative Review must be filed in compliance with the procedures and time frames outlined above. Procedural or scheduling questions should be directed to the OEA at the phone listed above.